

**Listing of Claims:**

1 - 17 (Cancelled)

18. (Previously Presented) A method of differentiating primate embryonic stem cells into neural precursor cells, comprising the steps of:

- (a) obtaining a primate embryonic stem cell culture,
- (b) propagating the stem cells, wherein embryoid bodies are formed, and
- (c) culturing the embryoid bodies in a medium consisting essentially of DMEM/F12, insulin, transferrin, progesterone, putrescine, sodium selenite, heparin and an effective amount of fibroblast growth factor 2, wherein neural precursor cells are generated and wherein the neural precursor cells form rosette formations.

19. (Cancelled)